

**BIRCH, STEWART, KOLASCH & BIRCH, LLP**

INTELLECTUAL PROPERTY LAW  
3110 GATEHOUSE ROAD  
SUITE 500 EAST  
FALLS CHURCH, VA 22042-1210  
USA

(703) 205-8000

FAX (703) 205-8050  
(703) 698-8590 (G IV)

e-mail: mailroom@bskb.com  
web: http://www.bskb.com

CALIFORNIA OFFICE  
COSTA MESA, CALIFORNIA

JAMES T. ELLER, JR.  
SCOTT L. LOWE  
D. RICHARD ANDERSON  
PAUL C. LEWIS  
MARK W. MILSTEAD\*  
RICHARD J. GALLAGHER  
JAYNE M. SAYDAH\*  
MARYANNE ARMSTRONG, PH.D.  
HYUNG N. SOHN  
KECIA J. REYNOLDS  
ROBERT L. SCOTT, II  
KALPANA REDDY

REG. PATENT AGENTS  
FREDERICK R. HANDREN  
MAKI HATSUMI  
CRAIG A. McROBBIE  
GARTH M. DAHLEN, PH.D.  
ROBERT E. GOOZNER, PH.D.  
MATTHEW J. LATTIG  
TIMOTHY R. WYCKOFF  
KRISTI L. RUPERT, PH.D.  
LARRY J. HUME  
ALBERT K. LEE  
HRAIR A. SAYADIAN, PH.D.  
MATTHEW T. SHANLEY  
JASON W. RHODES  
CHRISTINA F. ANNICK

05/07/01  
J1046 U.S. PTO  
09/849478  
05/07/01  
ERRELL C. BIRCH  
RAYMOND C. STEWART  
JOSEPH A. KOLASCH  
JAMES M. SLATTERY  
BERNARD L. SWEENEY\*  
MICHAEL K. MUTTER  
CHARLES GORENSTEIN  
GERALD M. MURPHY, JR.  
LEONARD R. SVENSSON  
TERRY L. CLARK  
ANDREW D. MEIKLE  
MARC S. WEINER  
JOE MCKINNEY MUNCY  
ROBERT J. KENNEY  
DONALD J. DALEY  
JOHN W. BAILEY  
JOHN A. CASTELLANO  
GARY D. YACURA  
THOMAS S. AUCHTERLONIE  
MARK J. NUELLE, PH.D.

OF COUNSEL:  
HERBERT M. BIRCH (1905-1996)  
ELLIOT A. GOLDBERG\*  
WILLIAM L. GATES\*  
EDWARD H. VALANCE  
RUPERT J. BRADY (RET.)\*  
F. PRINCE BUTLER  
FRED S. WHISENHUNT  
JAMES W. HELLWEGE

\*ADMITTED TO A BAR OTHER THAN VA

Date: May 7, 2001  
Docket No.: 1163-0338P

Assistant Commissioner for Patents  
Box PATENT APPLICATION  
Washington, D.C. 20231

Sir:

As authorized by the inventor(s), transmitted herewith for filing  
is a patent application applied for on behalf of the inventor(s)  
according to the provisions of 37 CFR 1.41(c).

Inventor(s): SUGINO, Yukimasa  
NAITO, Yushi; SUZUKI, Shigeaki

For: TRANSMISSION APPARATUS CAPABLE OF TRANSMITTING HIGH SPEED  
MODEM SIGNAL

Enclosed are:

- X A specification consisting of 113 pages
- X 30 sheet(s) of formal drawings
- X Certified copy of Priority Document(s)
- X Executed Declaration in accordance with 37 CFR 1.64 will follow
- Applicant claims small entity status in accordance with 37 CFR 1.27
- Preliminary Amendment

- ☒ Information Sheet
- ☐ Information Disclosure Statement, PTO-1449 with reference(s)
- ☐ Application Data Sheet in accordance with 37 CFR 1.76
- ☐ Other \_\_\_\_\_
- ☐ Applicant requests early publication

The filing fee has been calculated as shown below:

LARGE ENTITY				SMALL ENTITY	
FOR	NO. FILED	NO. EXTRA	RATE FEE		RATE FEE
BASIC FEE	***** ***** *****	***** ***** *****	***** ***** \$710.00 *****	or	**** **** \$355.00 ****
TOTAL CLAIMS	25 - 20 =	5	x18 =\$ 90.00	or	x 9 = \$ 0.00
INDEPENDENT	1 - 3 =	0	x80 =\$ 0.00	or	x 40 = \$ 0.00
MULTIPLE DEPENDENT CLAIM PRESENTED <u>no</u>			+270 = \$ 0.00	or	+135 = \$ 0.00
			TOTAL \$ 800.00		TOTAL \$ 0.00

- ☒ The application transmitted herewith is filed in accordance with 37 CFR 1.41(c). The undersigned has been authorized by the inventor(s) to file the present application. The original duly executed patent application together with the surcharge will be forwarded in due course.
- ☒ A check in the amount of \$ 800.00 to cover the filing fee and recording fee (if applicable) is enclosed.
- ☐ The Government Filing Fee will be paid at the time of completion of the filing requirement.
- ☐ Please charge Deposit Account No. 02-2448 in the amount of \$ \_\_\_\_\_. A triplicate copy of this transmittal form is enclosed.

Send Correspondence to:

BIRCH, STEWART, KOLASCH & BIRCH, LLP or Customer No. 2292  
P. O. Box 747  
Falls Church, Virginia 22040-0747  
Telephone: (703) 205-8000

— No fee is enclosed.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. 1.16 or under 37 C.F.R. 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By

  
JOHN CASTELLANO

Reg. No. 35,094 #22463

P. O. Box 747

Falls Church, Virginia 22040-0747

(703) 205-8000

JAC/ja

02-2448

IN THE U.S. PATENT AND TRADEMARK OFFICE

J1046 U.S. PTO  
09/849478  
05/07/01

Applicant(s): SUGINO, Yukimasa et al.

Application No.:

Group:

Filed: May 7, 2001

Examiner:

For: TRANSMISSION APPARATUS CAPABLE OF TRANSMITTING HIGH SPEED  
MODEM SIGNAL

L E T T E R

Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

May 7, 2001  
1163-0338P

Sir:

Under the provisions of 35 USC 119 and 37 CFR 1.55(a), the applicant hereby claims the right of priority based on the following application(s):

<u>Country</u>	<u>Application No.</u>	<u>Filed</u>
JAPAN	2000-135162	05/08/00

A certified copy of the above-noted application(s) is(are) attached hereto.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. 1.16 or under 37 C.F.R. 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By: 

JOHN CASTELLANO

Reg. No. 35,094 #22463

P. O. Box 747

Falls Church, Virginia 22040-0747

Attachment  
(703) 205-8000  
/ja